

Notice of Allowability

Application No.

10/761,970

Examiner

Stephen M. D'Agosta

Applicant(s)

LEE, JU-BYUNG

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to interviews held with applicant's attorney (6-20-2006 and 7-17-2006).
2. ☒ The allowed claim(s) is/are 1,2,4-8 and 10-17.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION
EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Victor Grossman on 7-17-2006 (***based on a previous interview held 6-20-2006***).

1. A **TWO-MONTH Extension of time** was requested by the applicant.
2. The applicant has agreed to cancel, without prejudice, claims 3, 9 and 18-19. Claims 3 and 9 will be amended to independent claims 1 and 7 as per the examiner's recommendation.
3. Claims 11 and 12 have been edited (eg. the word "claims" has been changed to "claim").
4. No response is required (other than paying the allowance fees).

The new claims/edits appear below:

NEW CLAIM 1: 1. A method of providing a Karaoke service to a mobile terminal through a wireless connection, comprising the steps of:

grouping the mobile terminal with mobile terminals having a wireless connection function to receive the Karaoke service together as a service group;

designating one of the mobile terminals as a master mobile terminal;

designating all other mobile terminals as slave mobile terminals;

connecting the master mobile terminal to a Karaoke service provider through a mobile communication network and controlling service content to be received from the

Karaoke service provider in all the mobile terminals of the service group; and playing Karaoke music according to the service content by all the mobile terminals in the service group when the master mobile terminal transmits a play command to the slave mobile terminals, wherein the master and slave mobile terminals are synchronized according to a pilot channel clock signal for simultaneously playing in the playing step.

CLAIM 3: Cancelled by this examiner's amendment.

NEW CLAIM 7: 7. A method of providing a Kraoke service to a mobile terminal through a wireless connection, comprising the steps of:

grouping the mobile terminal with mobile terminals to receive the Karaoke service together as a service group;

designating one of the mobile terminals as a master mobile terminal;

designating the other mobile terminals as slave mobile terminals;

receiving, in the slave mobile terminals, service contents from a Karaoke service provider under control of the master mobile terminal; and

playing Karaoke music according to the service contents if the slave mobile terminals receive a play command from the master mobile terminal, wherein the master and the slave mobile terminals are synchronized according to a pilot channel clock signal for simultaneously playing in the playing step.

CLAIM 9: Cancelled by this examiner's amendment.

CLAIM 11 EDIT: 11. The method of ~~claims~~ claim 7, wherein the step of receiving the service contents, comprises the steps of:

transmitting information about the service contents from the Karaoke service provider to the slave mobile terminals through the master mobile terminal; and

connecting the slave mobile terminals to the Karaoke service provider and transmitting the service contents to the slave mobile terminal.

CLAIM 12 EDIT: 12. The method of ~~claims~~ claim 7, wherein the slave mobile terminals receive the service contents from the master mobile terminal by the wireless connection.

CLAIM 18-19: Cancelled by this examiner's amendment.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

1. The examiner specified "novel" claims and the applicant has amended per his recommendations.
2. Tsurumi US 5,689,081 teaches a wireless Karaoke system but does not disclose service groups and/or use of pilot signals for synchronization.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen M. D'Agosta whose telephone number is 571-272-7862. The examiner can normally be reached on M-F, 8am to 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bill Trost can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

STEVE M. D'AGOSTA
PRIMARY EXAMINER

[Signature]
7-17-06